

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

~~embedding~~ overwriting means for ~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is ~~embedded~~ overwritten after ~~embedding~~ overwriting the transmission information by said ~~embedding~~ overwriting means;

storing means for storing compressed data by said compressing means in a memory; and

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory.

33. (Previously Presented) A color facsimile apparatus according to claim 32, further comprising buffering means for successively storing the image data generated by said generating means in a buffer, and

wherein said extracting means extracts data of a predetermined number of lines corresponding to a unit from the buffer.

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising determining means for determining whether the unit of the extracted data is the unit in which the transmission information should be ~~embedded~~ overwritten, and

wherein said ~~embedding~~ overwriting means ~~embeds~~ overwrites the transmission information in the unit of the extracted data according to a determination of said determining means.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Currently Amended) A color facsimile apparatus comprising:
reading means for reading an image;

generating means for generating image data representing the image;
extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;
compressing means for executing JPEG compression processing for each unit of the extracted data;
storing means for storing compressed data by said compressing means in a memory;
transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and
embedding overwriting means for embedding overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten before said compressing means executes the JPEG compression processing.

37. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;
generating image data representing the image;
extracting data from the image data in minimum processing units for JPEG compression processing;

~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten;

executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is ~~embedded~~ overwritten after ~~embedding~~ overwriting the transmission information in said ~~embedding~~ overwriting step;

storing compressed data in a memory; and

transmitting a JPEG image data based on the compressed data stored in the memory.

38. (Currently Amended) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

executing JPEG compression processing for each unit of the extracted data;

storing compressed data in a memory;

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten before executing the JPEG compression processing.

39. (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

~~embedding~~ overwriting means for ~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is ~~embedded~~ overwritten after ~~embedding~~ overwriting the transmission information by said ~~embedding~~ overwriting means;

storing means for storing compressed data by said compressing means in a memory; and

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory.

40. (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data;

storing means for storing compressed data by said compressing means in a memory;

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

~~embedding~~ overwriting means for ~~embedding~~ overwriting transmission information for a header or footer in a unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit in which the transmission information should be ~~embedded~~ overwritten before said compressing means executes the JPEG compression processing.